Form 3160-3 (December 1990)	UNITE	ATES	SUBMIT IN TRIPL	LICA	Form approved. Budget Bureau No. 1	004-0136	
•	<b>DEPARTMENT</b> BUREAU OF LAN	OF THE INT	111111.49 (9) 16	A R R	Expires December 31		
			UU DEC 21		LEASE DESIGNATION AT SL-071		
APPL	ICATION FOR PE	RMIT TO I	ORILL OR DEEPEN		F INDIAN, ALLOTTEE O	R TRIBE NAME	
la. TYPE OF WORK		-	GAG GAG	& MINING	UNIT AGREEMENT NAM	Ē	
b TYPE OF WELL	DRILL X	DEEPEN [			RED WA	SH	
OIL WELL	GAS- WELL X OT	HER	SINGLE MULTIPL ZONE ZONE	E . 8.	FARM OR LEASE NAME, #314		
2. NAME OF OPERATOR CHEVRON USA P	RODUCTION CO., INC.			9.	API WELL NO.		
3 ADDRESS AND TELEPH	ONE NO.  SOUTH, VERNAL, UT 840	78-8526	(801) 781-4300	10.	FIELD AND POOL, OR WI		
	Report location clearly and in accordance		<u> </u>		GREEN R		
1175' FSL, 1388' F	WL, SESW			11.	SEC.,T., R., M., OR BLOC	K AND SURVEY	
At proposed prod. zone SAME					SEC. 29-T7S-R24E,	SLB&M	
14. DISTANCE IN MILES AN 31.8 MILES FROM	D DIRECTION FROM NEAREST TOW VERNAL. UT	/N OR POST OFFICE*		12.	COUNTY OR PARISH UINTAH	13. STATE UTAH	
15. DISTANCE FROM PROF LOCATION TO NEARES	POSED*		16. NO. OF ACRES IN LEASE	17. NO. OF ACRI TO THIS WE	OF ACRES ASSIGNED		
PROPERTY OR LEASE ! (Also to nearest drlg. unit			2560		NA		
18. DISTANCE FROM PROP TO NEAREST WELL, DE	RILLING, COMPLETED,		19. PROPOSED DEPTH	20. ROTARY OR	TARY OR CABLE TOOLS		
OR APPLIED FOR, ON T			5327'	22	ROTARY  APPROX, DATE WORK	WILL START*	
5555' GL	and br, kr, or, de.				2/1/9		
			ING AND CEMENTING PROGRA				
SIZE OF HOLE	GRADE, SIZE OF CASING 8-5/8" K-55	WEIGHT PER FOOT 24#	SETTING DEPTH 360'	Qt	190 SX.	····	
12-1/4" 7-7/8"	5-1/2" K-55	15.5#	5327'	-	611 SX.		
- Certified Plat - Self Certification Stat	tement te Use Plan With Attachment		he location specified. Enclosures:				
N ABOVE SPACE DESCRIBE ertinent data on subsurface local signed (This space for Federal or St.	ations and measured and true vertical	l is to deepen, give data depths. Give blowout pr	on present productive zone and proposed new eventer program, if any. TEAU LEADEN	<del></del>	roposal is to drill or deepen o	directionally, give	
PERMIT NO. 43	-047-3262	6	APPROVAL DATE	2/22	1/24 THE	STATE	
Application approval does no		ds legal or equitable title t	to those rights in the subject lease which would		Happy population thereon I C		

(This space for Federal or State office use)

PERMIT NO. 43-047-32626

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the for fant blood to previous of APPROVAL, IF ANY:

OIL, GAS, AND MINING

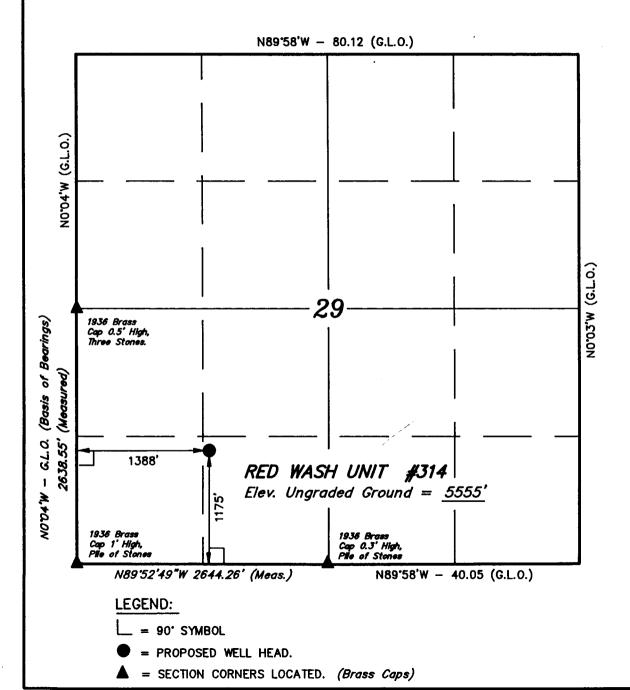
DATE:

DATE

\*See Instructions On Reverse Side

WELL SPACING: BUIS-2-3-1

### T7S, R24E, S.L.B.&M.

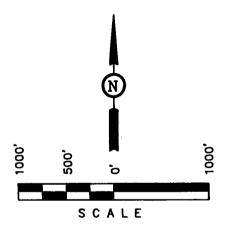


#### CHEVRON U.S.A., INC.

Well location, RED WASH UNIT #314, located as shown in the SE 1/4 SW 1/4 of Section 29, T7S, R24E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 29, T7S, R24E, S.L.B.&M. TAKEN FROM THE DINASAUR NW, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5505 FEET.



#### CERTIFICATE.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BESTER

REGISTERED LAND SURVEYOR REGISTRATION NO - 164519

# UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017

1" = 1000'	DATE SURVEYED: DATE DRAWN: 9-23-94 10-20-94							
PARTY B.B. D.G. D.J.S.	REFERENCES G.L.O. PLAT							
WEATHER WARM	FILE CHEVRON U.S.A., INC.							

#### CHEVRON USA PRODUCTION CO.

#### RED WASH UNIT #314 1175' FSL & 1388' FWL SESW-S29-T7S-R24E, SLB&M UINTAH COUNTY, UTAH

#### **EIGHT POINT DRILLING PLAN**

#### 1. ESTIMATED FORMATION TOPS:

Uinta Green River Surface ~2401' to 5327' TD

## 2. ESTIMATED DEPTHS OF TOP AND BOTTOM OF WATER, OIL, GAS, OR OTHER MINERAL BEARING FORMATIONS AND PLAN FOR PROTECTION:

**Deepest Fresh Water:** ~2401', top of Green River Formation. The Green River Formation is classified as an exempt aguifer in the vicinity of the proposed well.

Oil Shale: Oil shale is expected between the depths of ~3273-3353'.

Oil: None expected.

**Gas:** Possible gas in the Uinta Fm. below ~2100'. Expected in the Green River Fm. from ~3877' to 5177'.

Protection of oil, gas, water, or other mineral bearing formations: Protection shall be accomplished by cementing surface casing and production casing back to the surface or to depths sufficient to isolate required formations. Please refer to casing and cement information for protection plans.

#### 3. PRESSURE CONTROL EQUIPMENT:

For drilling surface hole to 360': No BOP equipment required.

For drilling through 8.625" surface casing to TD:

Maximum anticipated surface pressure is <1400 psi.

Pressure control equipment shall be in accordance with BLM minimum standards for 2000 psi equiment.

#### **RED WASH UNIT #314 - EIGHT POINT DRILLING PLAN**

A casing head with an 11", 3000 psi flange will be screwed or welded onto the 8.625" surface casing.

BOP stack will consist of a double gate and annular preventer. The double gate will be equipped with pipe rams on bottom and blind rams on top. The choke and kill lines will be connected to outlets between the bottom and top rams, utilizing either the ram body outlet or a drilling spool with side outlets. The BOP stack will be 9" or 11" bore, 2000 or 3000 psi working pressure. The choke and kill lines will be 2" or 3" bore, 2000 or 3000 psi working pressure. Please refer to attached schematics.

A rotating head may be used while drilling below surface casing for control of gas cut mud.

Test procedure and frequency shall be in accordance with BLM minimum standards for 2000 psi equipment.

#### 4. SUPPLEMENTAL DRILLING EQUIPMENT AND CASING INFORMATION:

#### **Casing Information:**

Casing	Conn.	New/ Used	Stage Tool	Centralizers
8.625"	STC	New	No	10' above shoe, on 1st and 3rd collars.
5.500"	STC	New	No	10' above shoe, every other collar to top of pay (±3850'),

#### **Cement Information:**

Casing	Cement
8.625"	Oilfield type cement circulated in. Class "A" single slurry mixed to 15.6 ppg, yield = 1.19 cf/sx. Fill to surface with 225 cf (190 sx) calculated. Tail plug used. Allowed to set under pressure.
5.500"	Lead/Tail oilfield type cement circulated in.  Tail slurry: 50/50 Class H/Pozzolan + 2% gel + additives as required mixed to 14.1 ppg, yield = 1.23 cf/sx; or class G + 12.5 lb/sx gilsonite + additives as required mixed to 14.8 ppg, yield =

#### **RED WASH UNIT #314 - EIGHT POINT DRILLING PLAN**

1.34. Fill to 3550' (±300' above top of pay) with 407 cf (331 sx or 304 sx).

Lead slurry: Class "A" + extender + additives mixed to 11.0 ppg, yield = 3.82 cf/sx. Fill to surface with 1071 cf (280 sx).

Tail plug used. Allowed to set under pressure.

#### **Drilling Equipment:**

Surface hole will be drilled and surface casing set with small rotary surface hole rig.

A rotating head may be used while drilling below surface casing for control of gas cut mud.

## 5. <u>CIRCULATING MEDIUM, MUD TYPE, MINIMUM QUANTITIES OF WEIGHT</u> MATERIAL, AND MONITORING EQUIPMENT:

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is ±9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from 3500' (depth mud loggers on) to TD.

#### 6. ANTICIPATED TYPE AND AMOUNT OF TESTING, LOGGING, AND CORING:

#### Logging:

Mud logging: ~3500' to TD.

Dual Induction/SP/GR: TD-Surface casing shoe

Density/Neutron/GR with XY caliper: TD-3500'

Sonic/GR with caliper TD-Surface casing shoe.

MIR tool: TD-3500'

#### **RED WASH UNIT #314 - EIGHT POINT DRILLING PLAN**

Coring:

None planned.

Testing:

Possible DST in lower Green River Fm. at wellsite geologist's discretion.

7. EXPECTED BOTTOM HOLE PRESSURE AND ANY ANTICIPATED ABNORMAL PRESSURE, TEMPERATURES, OR OTHER HAZARDS (H<sub>2</sub>S, STEAM, ETC.) AND ASSOCIATED CONTINGENCY PLANS:

Normal pressure gradient to top of Green River Fm. Some slightly pressured (0.47 psi/ft.) gas zones within the Green River Fm. may exist, although possible pressure depleted intervals (0.37 psi/ft.) from 3877' to 5177' are viewed as greater hazards. All sands typically tight - drill underbalanced with water or unweighted mud.

Maximum expected BHP @ 5327':

~2504 psi (0.47 psi/ft.).

Maximum expected BHT @ 5327':

~1350 F.

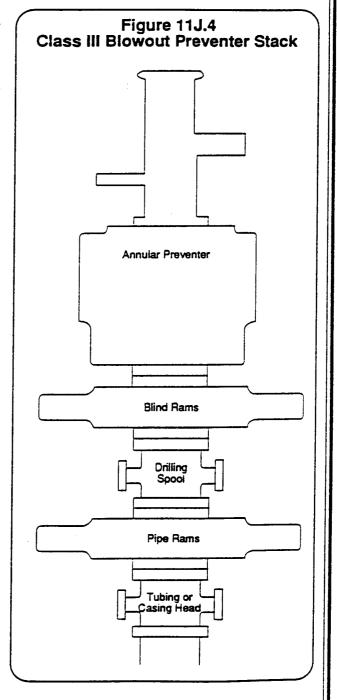
No other abnormal hazards are anticipated and no contingency plans are required.

8. OTHER:

None.

#### E. CLASS III BLOWOUT PREVENTER STACK:

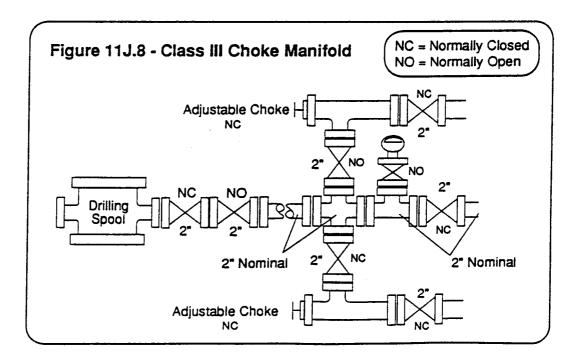
The Class III preventer stack is designed for drilling or workover operations. It is composed of a single hydraulically operated annular preventer on top, then a blind ram preventer, a drilling spool, and a single pipe ram preventer on bottom. The choke and kill lines are installed onto the drilling spool and must have a minimum internal diameter of 2". All side outlets on the preventers or drilling spool must be flanged, studded, or clamped. An emergency kill line may be installed on the wellhead. A double ram preventer should only be used when space limitations make it necessary to remove the drilling spool. In these instances, the choke manifold should be connected to a flanged outlet between the preventer rams In this hookup, the pipe rams are considered master rams only, and cannot be used to routinely circulate out a kick. Class III blowout preventer stack is shown to the right in Figure 11J.4.



#### D. CLASS III CHOKE MANIFOLD

The Class III choke manifold is suitable for Class III workovers and drilling operations. The Standard Class III choke manifold is shown in Figure 11J.8 below. Specific design features of the Class III manifold include:

- 1. The manifold is attached to a drilling spool or the top ram preventer side outlet.
- 2. The minimun internal diameter is 2" (nominal) for outlets, flanges, valves and lines.
- 3. Includes two steel gate valves in the choke line at the drilling spool outlet. The inside choke line valve may be remotely controlled (HCR).
- 4. Includes two manually adjustable chokes which are installed on both side of the manifold cross. Steel isolation gate valves are installed between both chokes and the cross, and also downstream of both chokes.
- 5. Includes a blooey line which runs straight through the cross and is isolated by a steel gate valve.
- 6. Includes a valve isolated pressure gauge suitable for drilling service which can display the casing pressure within view of the choke operator.
- 7. Returns through the choke manifold must be divertible through a mud-gas seperator and then be routed to either the shale shaker or the reserve pit through a buffer tank or manifold arrangement.
- 8. If the choke manifold is remote from the wellhead, a third master valve should be installed immediately upstream of the manifold cross.

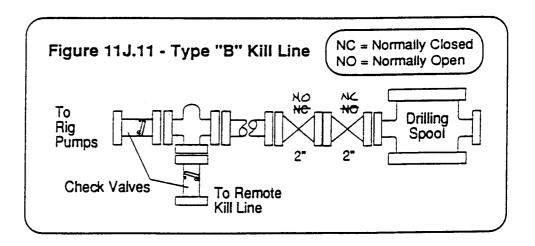


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#### D. TYPE "B" KILL LINE - CLASS III, IV , AND V WELLS

The type B kill line described below in Figure 11J.11 is the minimum recommended hookup for installation on all Class III, Class IV and Class V wells. Specific design features of the type B kill line include:

- 1. The preferred kill line connection to the well is at the drilling spool, however, a preventer side outlet may be used when space restrictions exclude the use of a drilling spool. In all cases, the kill line must be installed below the uppermost blind rams so the well can be pumped into with no pipe in the hole.
- 2 The arrangement includes two 2" (nominal) gate valves installed at the drilling spool and an upstream fluid cross. The outside valve may be hydraulically remote controlled.
- 3. Two pump-in lines should be attached to the fluid cross. The **primary kill line** should be routed to the rig standpipe where it can be manifolded to the rig pumps. The **remote kill line** should be run to a safe location away from the rig or to the rig cementing unit. The remote kill line should have a loose end connection for rigging-up a high pressure pumping unit.
- 4. Both the primary kill line and the remote kill line must include a 2" check valve which is in working condition while drilling. If a check valve is crippled for testing purposes, the flapper or ball must be re-installed and tested before drilling resumes.
- 5. The primary kill line must include a pressure gauge which can display the pump-in pressure on the rig floor.
- 6. Any lines which are installed at the wellhead are designated as "emergency kill lines" and should only be used if the primary and remote kill lines are inoperable.



Rev. 1/1/89

United States Department of the Interior Bureau of Land Management Vernal District Office 170 South 500 West Vernal, UT 84078

#### **SELF-CERTIFICATION STATEMENT**

Be advised that Chevron USA Production Company is considered to be the operator of Red Wash Unit #314, SESW-Sec.29-T7S-R24E, Uintah County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by Nationwide Bond #U-89-75-81-34 (Standard Oil Co. of California and its wholly owned subsidiary Chevron USA Production Co., as co-principals) via surety consent as provided for in 43 CFR 3104.2.

Sincerely,

J. T. Conley

Red Wash Area Team Leader

DATE: 12-19-94

#### CHEVRON USA PRODUCTION CO.

#### RED WASH UNIT #314 1175' FSL & 1388' FWL SESW-S29-T7S-R24E, SLB&M UINTAH COUNTY, UTAH

#### THIRTEEN POINT SURFACE USE PLAN

#### 1. **EXISTING ROADS**:

- A. See Topographic Map A. There are no plans to change, alter or improve upon any existing state or county road.
- B. See Topographic Map A. Travel east from Vernal on U.S. Highway 40 to the intersection with Utah State Highway 45. Turn south on Utah State 45 and proceed 20.7 miles to the Red Wash Oil and Gas Field road. Turn east and proceed 4.7 miles to existing lease road past water tank. Turn south and proceed a total of 3.5 miles on existing lease road to proposed access road.

#### 2. ACCESS ROADS TO BE CONSTRUCTED OR RECONSTRUCTED:

See Topographic Maps A and B. The access road and location site are on Federal lands. A new access road of approximately 0.6 miles to the location will be constructed. A main drainage on the proposed access road will be diked, with the road on top of the dike. The dike will have a rip-rap spillway constructed of cut material from road construction, per onsite discussion.

#### 3. LOCATION OF EXISTING WELLS WITHIN ONE MILE:

See Topographic Map B.

## 4. LOCATION OF EXISTING OR PROPOSED FACILITIES IF WELL IS PRODUCTIVE:

- A. See Topographic Map C.
- B. Gas dehydration and metering equipment will be installed onsite following completion of the new wellbore. No blooie pit will be constructed, as a tank will be installed in its place.

- C. A gas pipeline approximately 3200' in length will be constructed to connect the well to the existing gas gathering system. The pipeline will follow the proposed access road to the tie-in.
- D. Disturbed areas no longer needed for operations will be graded back to as near original state as possible. Drainage channels will be returned to original state and the areas will be reseeded as prescribed by the BLM.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

Red Wash Unit fresh water supply, Application #A17791, Water Right Number 49-2153. Water will be picked up at water tank shown on Topographic Map A,  $\sim$  4.1 miles from wellsite on proposed access route.

Transportation of water shall be by tank truck.

#### 6. CONSTRUCTION MATERIALS:

Native dirt and gravel will be used as construction materials.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL:

- A. A closed mud system is planned, requiring a trench for the reserve tank.
- B. Excess reserve pit fluid will be disposed of via haul-off to a commercial disposal facility.
- C. Drill cuttings will be caught and settled in the reserve tank and buried when the trench is backfilled.
- D. Commercial service will provide portable toilets and haul-off to a commercial disposal facility.
- E. Trash will be stored in trash containers and hauled to commercial or municipal facility for disposal.
- F. It is not anticipated that any salt or chemicals will need to be disposed of. If required, disposal will be by commercial disposal facility.

- G. In the event fluids are produced, any gas and associated condensate will be flared over the flare pit while testing. Any produced water will be caught in the flare pit and transferred to Red Wash Central Battery for use in the waterflood system. Depending on the nature of completion/stimulation fluids, these will be caught in the flare pit and disposed of via use in the waterflood system, evaporation or haul-off to a commercial disposal facility.
- H. <u>Hazardous chemicals 10,000lb.</u> of which will most likely be used, produced, stored, transported or disposed of in association with the proposed action of drilling, completing and producing this well: We anticipate that none of the hazardous chemicals in quantities of 10,000 lb. or more will be associated with these operations.
- I. Extremely hazardous substances threshold quantities of which will be used, produced, stored, transported or disposed of in association with the proposed action of drilling, completing and producing this well: We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

#### 8. ANCILLARY FACILITIES:

None.

#### 9. WELLSITE LAYOUT:

- A. See Figures 1 and 2. A closed mud system is planned. In the event that a closed mud system is not available, a reserve pit will be constructed as shown. The reserve pit will be lined if required.
- B. Burn pit will not be lined.
- C. Access to the well pad will be as shown on Topographic Map B.

#### 10. PLAN FOR RESTORATION OF SURFACE:

A. All surface areas not required for production operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum. Any rock encountered in excavation will be disposed of beneath backfill to return surface to its present appearance and provide soil for seed growth.

- B. The topsoil will be evenly distributed over the disturbed areas. Reseeding will be performed as directed by the BLM.
- C. Pits that would present a hazard to wildlife or livestock will be backfilled when the rig is released and removed.
- D. Completion of the well is planned during 1995. Rehabilitation will commence following completion of the well. If the wellsite is to be abandoned, all disturbed areas will be recontoured to the natural contour as soon as possible.

#### 11. **SURFACE OWNERSHIP**:

The wellsite, access roads and flowlines are on Federal land. The operator shall contact the BLM office at (801) 789-1362 between 24 and 48 hours prior to construction activities.

#### 12. OTHER INFORMATION:

- A. The well is located in hilly and sandy terrain. Vegetation consists of sagebrush and natural grasses around the location. The soil is a poorly developed, semi-arid, thin topsoil layer over the Uintah Formation.
- B. Surface use activities other than the oil and gas well facilities consist of grazing.
- C. There are no occupied dwellings near the wellsite.
- D. Archeological clearance was recommended during a 12/6/94 meeting between BLM, Chevron and Senco-Phenix personnel.

#### 13. **COMPANY REPRESENTATIVE:**

Mr. J. T. Conley 11002 East 17500 South Vernal, UT 84078 (801) 781-4301

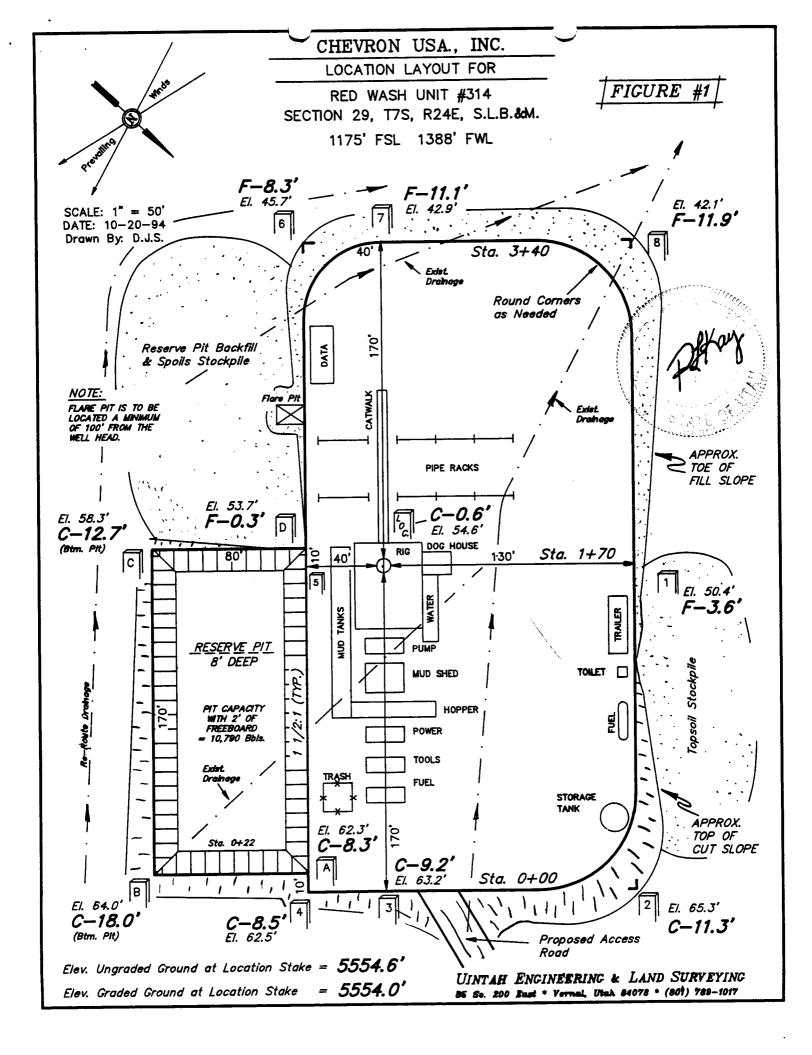
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Chevron USA Production Co., Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

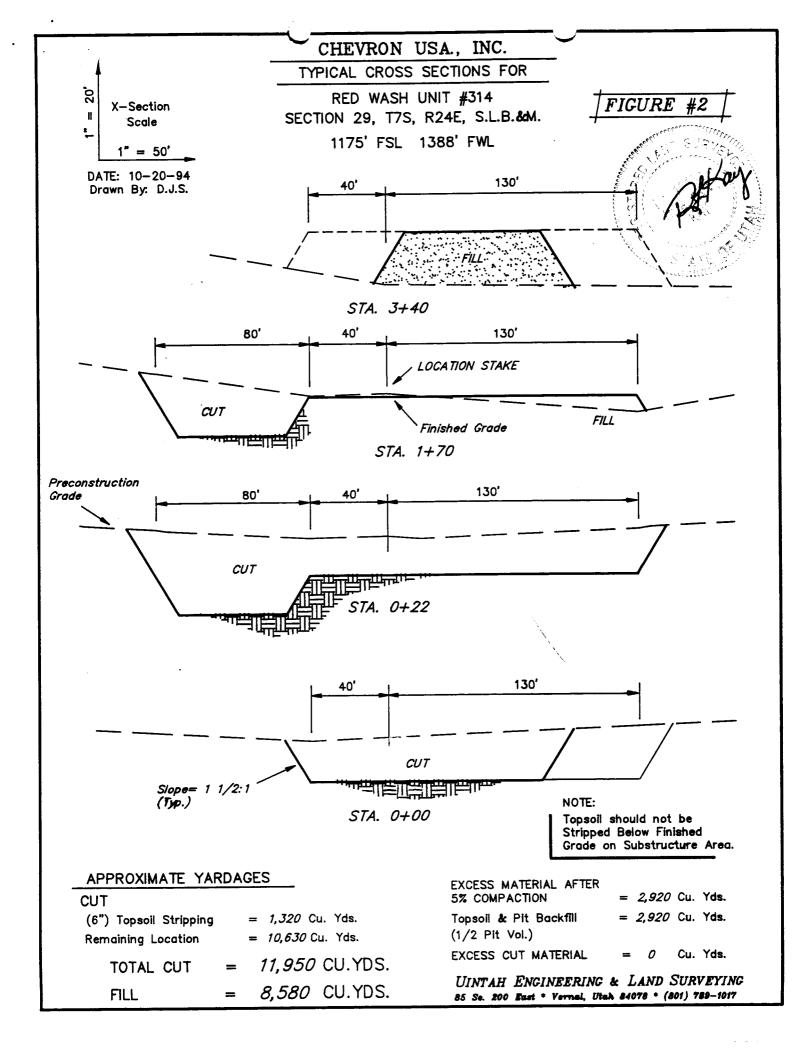
12-19-94

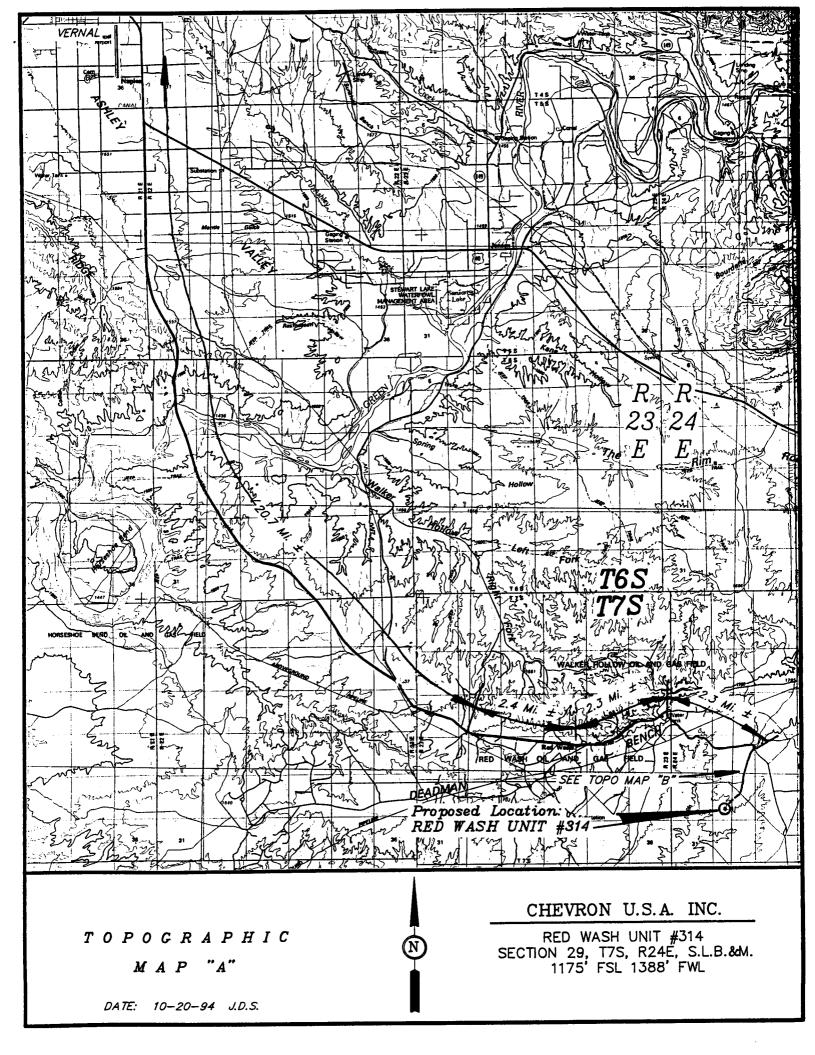
Date

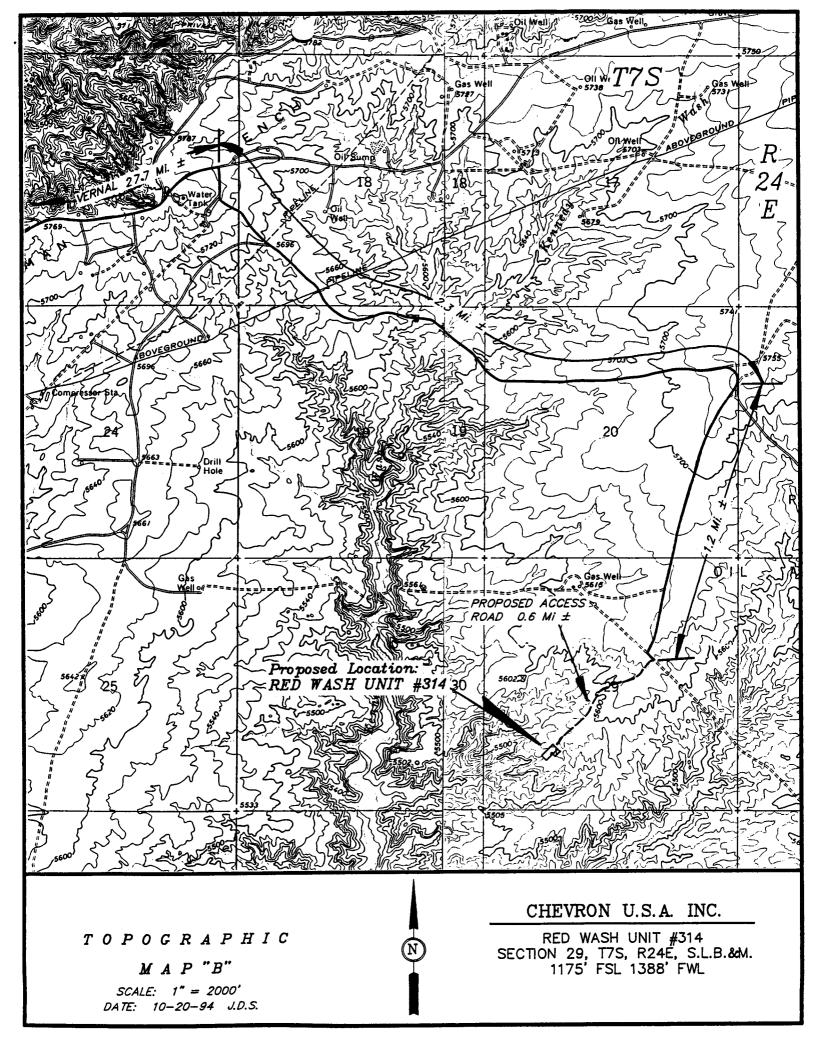
J. T. Conley

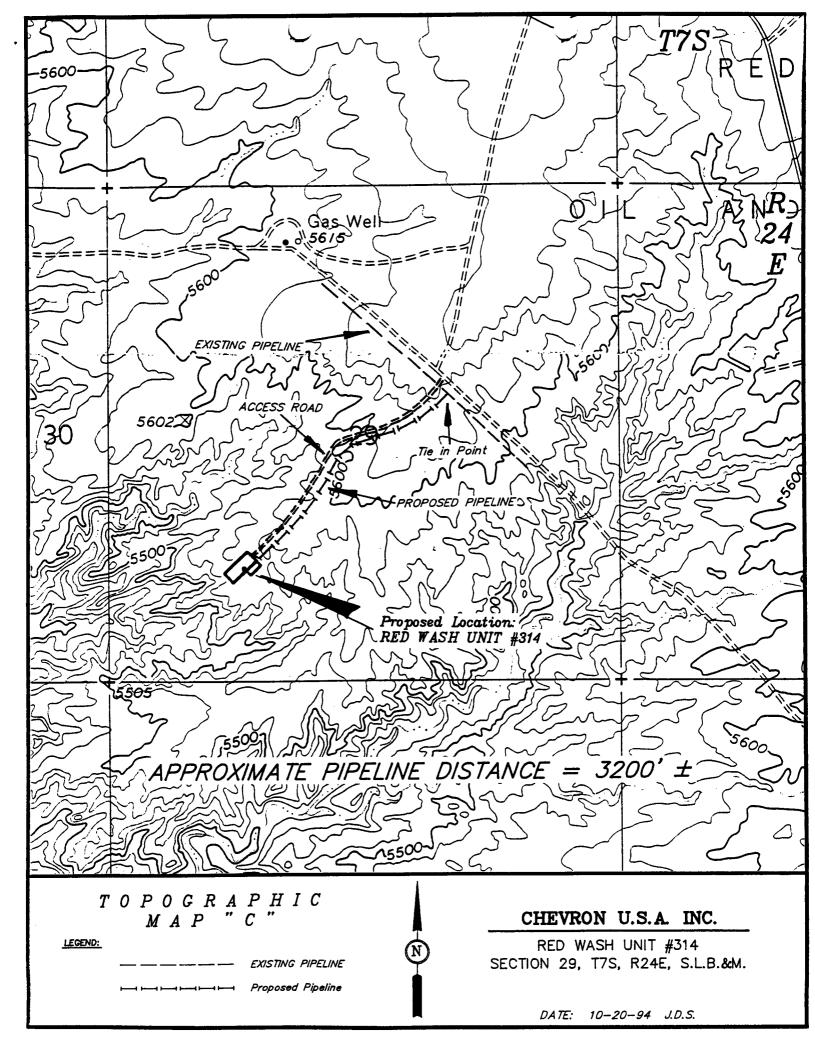
Red Wash Area Team Leader











## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/21/94	API NO. ASSIGNED: 43-047-32626
WELL NAME: RED WASH #314 OPERATOR: CHEVRON USA PRODUCTION	(NO210)
PROPOSED LOCATION: SESW 29 - T07S - R24E SURFACE: 1175-FSL-1388-FWL BOTTOM: 1175-FSL-1388-FWL UINTAH COUNTY RED WASH FIELD (665)  LEASE TYPE: FED LEASE NUMBER: SL-071965  PROPOSED PRODUCING FORMATION: GRRV	INSPECT LOCATION BY: / / TECH REVIEW Initials Date Engineering Geology Surface
RECEIVED AND/OR REVIEWED:  Y Plat  W Bond: Federal [V] State[] Fee[]  (Number <u>(/-84-75-8/-34/</u> )  Potash (Y/N)  N Oil shale (Y/N)  W Water permit  (Number <u>44-2/53</u> )  RDCC Review (Y/N)  (Date:)	LOCATION AND SITING:  R649-2-3. Unit: utu-630/0X  R649-3-2. General.  R649-3-3. Exception.  Drilling Unit.  Board Cause no: Date:
COMMENTS:	
STIPULATIONS:	

,		•		<b>-</b> •		
, *						
RED	WASH UNIT	INFILL DEV UINTAH C	/ELOPMEI	NT CHEVR	ON ·	+
		•RED WASH	307			 Ш
•	• RED WAS	D WASH 317 ** H 313*	,	• RED WAS	. A 4 206	R 25
	• RED WASH 319 RED WASH 3	14 •RED WASI	1 308	•RED WASH	311	
	T78	RÉD WASH 320	*	• RED WAS	* H 315	
R 24 E	T 8 S,	SH 309	• RE	ED WASH 318		
	•	•				
-						

#### STATE OF UTAH

Operator: CHEVRON USA PRODUCTION | Well Name: RED WASH #314

Project ID: 43-047-32626 | Location: SEC. 29 - T078 - R24E

Design Factors: Design Parameters: : 1.125 Mud weight ( 9.50 ppg) : 0.494 psi/ft Collapse Burst : 1.00 Shut in surface pressure : 2318 psi : 1.80 (1) Internal gradient (burst) : 0.058 8 Round psi/ft : 1.60 (J) Buttress Annular gradient (burst) : 0.000 psi/ft : 1.50 (1) Other Tensile load is determined using buoyed weight **Body Yield** : 1.50 (B) Service rating is "Sweet"

	Length (feet)	Size (in.)	Weight (lb/ft)	Grade	. Joint		Depth (feet)	Drift (in.)	Cost
1	5,327	5.500	15.50	K-55	ST&C		5,327	4.825	
	Load (psi)	Collapse Strgth (psi)		Burst Load (psi)	Min Int Y Strgth (psi)	ield S.F.	Load (kips)	Tension Strgth (kips)	s.F.
1	2629	4040	1.537	2629	4810	1.83	70.58	222	3.15 J

Prepared by: FRM, Salt Lake City, UT

Date : 02-23-1995

Remarks

Minimum segment length for the 5,327 foot well is 1,000 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas

temperature of 101°F (Surface 74°F , BHT 127°F & temp. gradient 1.000°/100 ft.)

The mud gradient and bottom hole pressures (for burst) are 0.494 psi/ft and

2,629 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)



# State of Utah DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Ted Stewart Executive Director James W. Carter Division Director 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) 801-538-5319 (TDD)

February 22, 1995

Chevron USA Production Company 11002 East 17500 South Vernal, Utah 84078-8526

Re: Red Wash #314 Well, 1175' FSL, 1388' FWL, SE SW, Sec. 29, T. 7 S., R. 24 E.,

Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Admin. R. 649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32626.

Sincerely,

AN Natheus R. J. Firth

Associate Director

ldc

**Enclosures** 

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

WAPD



Operator:	Chevro	n USA Pr	oduction (	Company. I	nc.	
Well Name	e & Number	: Red	Wash #3	14		
API Numb	er: <u>43-0</u>	47-32626				
Lease:	Federal SL	<u>~071965</u>				
Location:	SE SW S	Sec2	9T.	<u>7 S.</u>	R	24 E.

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Form 3100-3 (Dece:nber 1990)	DEPARTMEN	STATES  OF THE INTE	RIOR SÜB	VET (3 TELP) Other instruction reverse side) MAR   -	IC <sup>NA</sup> E信 IS	Bud	approved. get Bureau No. 10 ires December 31,	, 1991
			Juu				SL-0719	65
APPLI	CATION FOR P	ERMIT TO DI	RILL ORVO	of of the same of	S & MIN	NG FIN	DIAN, ALLOTTEE OR	TRIBE NAME
la. TYPE OF WORK							AGREEMENT NAME	
b TYPE OF WELL	DRILL X	DEEPEN	J				RED WA	SH
OIL OIL	GAS- WELL X	OTHER	SINGLE ZONE	MULTIPLE ZONE		8. FARA	4 OR LEASE NAME, \ #314	VELL NO.
2. NAME OF OPERATOR CHEVRON USA PR	RODUCTION CO., INC.		· · · · · · · · · · · · · · · · · · ·				VELL NO.	1 2 1
3. ADDRESS AND TELEPHO	ONE NO			·	<u> </u>		047-32 D AND POOL, OR WII	
11002 EAST, 17500	SOUTH, VERNAL, UT 8 Report location clearly and in accorda	4078-8526 ince with any State requireme		801) 781-4300			RED WA GREEN RI	
At surface					ŀ	11. SEC.,	T., R., M., OR BLOC	K AND SURVEY
1175' FSL, 1388' FV At proposed prod. zone	WL, SESW					OR A SEC	REA :. 29-T7S-R24E, :	SLB&M
SAME								
14. DISTANCE IN MILES AND 31.8 MILES FROM	D DIRECTION FROM NEAREST TO VERNAL. UT	OWN OR POST OFFICE*		<u>.</u>		12. CC	OUNTY OR PARISH UINTAH	13. STATE UTAI
15. DISTANCE FROM PROPLOCATION TO NEARES	OSED*		16. NO. OF ACRES	IN LEASE		ACRES AS	SIGNED	
PROPERTY OR LEASE L (Also to nearest drig, unit l	line, if any) 1175'			2560	20 POTAL	V OB CABI	NA E TOOLS	
18. DISTANCE FROM PROP TO NEAREST WELL, DR OR APPLIED FOR, ON T	ILLING, COMPLETED,		19. PROPOSED DI	этн 5 <b>327'</b>	20. ROTAI	CY UK CABI	ROTARY	
21. ELEVATIONS (Show wheth 5555' GL	her DF, RT, GR, etc.)		-			22. AP	PROX. DATE WORK 2/1/9	
3333 GL		PROPOSED CASI	NG AND CEMEN	TING PROGRA	lΜ			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING				TY OF CEMENT  190 SX.	
7-7/8"	8-5/8" K-55 5-1/2" K-55	24# 15.5#	36 532				611 SX.	
- Certified Plat - Self Certification Stat	e Use Plan With Attachme		e location specifi	ed. Enclosures:				
•								
	•						DEC 22	1994
IN ABOVE SPACE DESCRIBE pertipent data on subsurface loca	PROPOSED PROGRAM: If propations and measured and true verti	osal is to deepen, give data or cal depths. Give blowout pre	n present productive ze eventer program, if an	one and proposed new	r productive zor	e. If propes	al is to drill or deepen	directionally, give
24. SIGNED	7 Peules	TITLE		EADER		_	12-19-94	
(This space for Federal or St	NOTICE OF A	PPROVAI	APPROVAL D		NDITIONS TO (	OF AP	PROVAL AT	ACHED
PERMIT NO.  Application approval does no	ot warrant or certify that the applicant			- Miles - 44	entitle the applic	ant to conduc	t operations thereon.	

\*See Instructions On Reverse Side

FEB 2 3 1995

DATE

CONDITIONS OF APPROVAL, IF ANY:

#### **CONDITIONS OF APPROVAL** APPLICATION FOR PERMIT TO DRILL

Company/Oper	ator: Chevron USA Production Co., Inc.
Well Name & l	Number: Red Wash 314
API Number:	43-047-32626

Location: SESW Sec. 29 T. 7S R. 24E

Lease Number: <u>SL-071965</u>

#### NOTIFICATION REQUIREMENTS

at least forty-eight (48) hours prior to construction of location and Location Construction -

access roads.

prior to moving on the drilling rig. Location Completion -

at least twenty-four (24) hours prior to spudding the well. Spud Notice

at least twenty-four (24) hours prior to running casing and Casing String and

cementing all casing strings. Cementing

at least twenty-four (24) hours prior to initiating pressure tests. **BOP** and Related **Equipment Tests** 

within five (5) business days after new well begins, or production First Production Notice

resumes after well has been off production for more than ninety (90)

days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

#### A. **DRILLING PROGRAM**

## 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report <u>ALL</u> water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The surface BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for a 2M system for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. A test plug will need to be used in testing the BOPE. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

#### 3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200' above the Uinta/Green River contact identified at  $\pm$  2392'. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

#### 4. Mud Program and Circulating Medium

As per Onshore Oil and Gas Order No. 2 sufficient quantities of mud materials will be maintained or readily accessible for the purpose of well control.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

#### 5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run at a minimum from the production casing shoe to  $\pm$  2192' and shall be utilized to determine the <u>top</u> of cement (TOC) and bond quality for production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

#### 6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

#### 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170

Petroleum Engineer

Ed Forsman (801) 789-7077

Petroleum Engineer

BLM FAX Machine (801) 781-4410

#### EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

## CONDITIONS OF APPROVAL SURFACE USE PLAN OF OPERATIONS

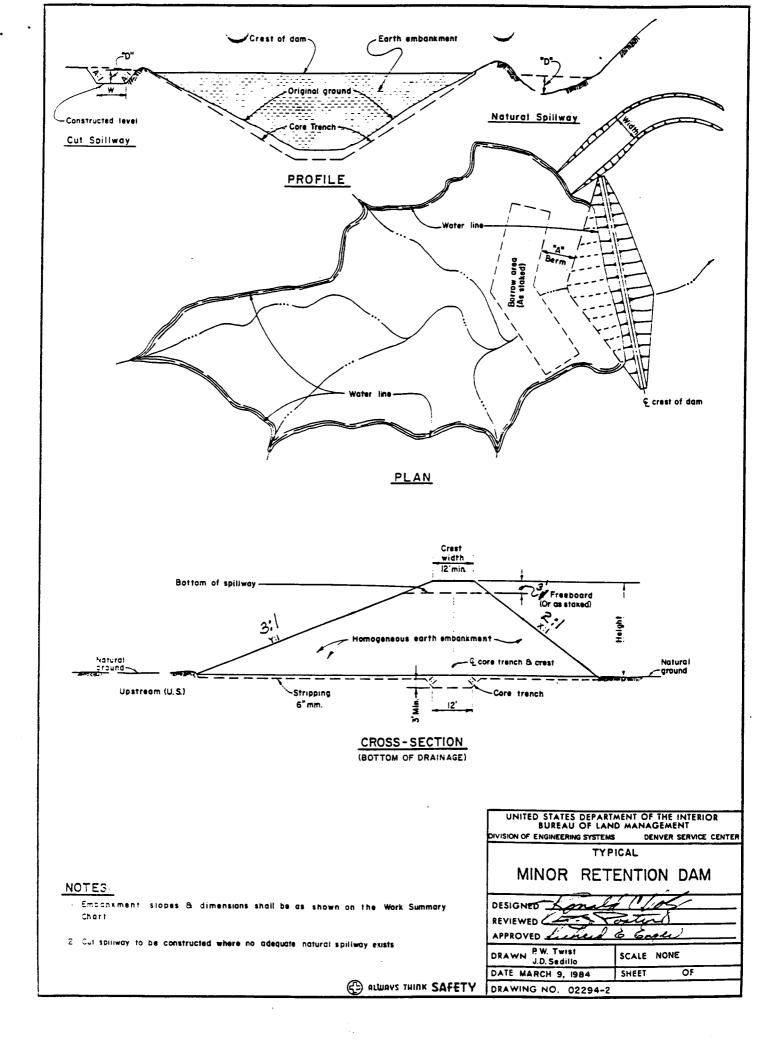
COAs Page 8 of 8 Well #RW314

A silt catchment dam and basin will be constructed according to BLM specifications approximately 1,200 ft. northeast of the location, where flagged. It will be located north of and downhill from the access road and will serve to reduce erosional impacts from the proposed access road.

The location is in crucial pronghorn habitat. Modification may be required to the Surface Use plan during the pronghorn kidding period May 15 to June 20.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.



#### DIVISION OF OIL, GAS AND MINING

#### SPUDDING INFORMATION

Name of Company: CHEVRON USA	
Well Name: RED WASH 314	
Api No. 43-047-32626	
Section 29 Township 7S Range 24E County UINTAH	
Drilling Contractor	_
Rig #	
SPUDDED: Date 4/9/95	
Time	
How_DRY HOLE	
Drilling will commence	
Reported by KEVIN COPP	
Telephone #	
Date: 4/12/05 Signed: TIT	

**ENTITY ACTION FORM - FORM 6** 

OPERATOR ACCT. No. NO. NO.

OPERATOR:

**Chevron USA Production Company** 

ADDRESS:

11002 East 17500 South

Vernal, Utah 84078-8526

(801)781-4300

Action	Current	New	API Number	Well Name	I QQ I	SC	TP	RG	County	Spud	Effective		
Code	Entity No.	Entity No.	7	Troil France	~~	00	•••	10	County	Date	Date		
В	99999	56%	43-047-32626	Red Wash Unit #314	SE%SW%	S29	T7S	R24E	Uintah	04/08/95	Jac		
WELL 1	WELL 1 COMMENTS: Well drilled as part of the Green River Participating Area within the Red Wash Unit  Enfishes added 4-27-95.												
Well dri	illed as part	of the Gree	n River Participati	ing Area within the Red Wa	ısh Unit	En	ifithes a	dded 4-2	21-95, P				
									fee				
В	99999	5355	43-047-32459	Gypsum Hills Unit #11	NW%SE%	S20	T8S	R21E	Uintah	03/19/95	·		
WELL 2	COMMENT	S:							<del></del>	——————————————————————————————————————			
Well wi	ll be drilled	as a unit we	ell for production	as part of the Gypsum Hills	Secondary Re	covery U	nit				Ų		
					-								
В	99999	5355	43-047-32458	Gypsum Hills Unit #12	NE%SE%	S19	T8S	R21E	Uintah	03/10/95			
WELL 3	COMMENT	S:			<u> </u>		Laur				1		
Well wi	ll be drilled	as a unit we	ell for injection as	part of the Gypsum Hills S	econdary Reco	overy Unit							
			•		•	-							
В	99999	5355	43-047-32460	Gypsum Hills Unit #13	NE%SW%	S21	TBS	R21E	Uintah	04/10/95			
WELL 4	COMMENT	S:	<u> </u>				1	.1	1		<u> </u>		
			ell for production	as part of the Gypsum Hill	s Secondary R	lecovery U	Init						
•			•	•	,								
В	99999	5355	43-047-32647	Gypsum Hills Unit #14	NW%SW%	S20	T8S	R21E	Uintah	03/17/95			
WELL S	COMMEN	rs.	<u> </u>		_L	<u> </u>	1	1	_J	l	<u> </u>		
			ell for production	as part of the Gypsum Hills	Secondary Pr	ecovery H	nit						
				as barron one of boding inne	iladiy iv	COTOIT O	1100						
ACTIO	N CODES (	See instruction	ons on back of form	)									
57101	•		fine and the state of the state of	-					1 /		. •		

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected APR 2 7 1995

(3/89)

**DIVISION OF** OIL, GAS & MININ'

**Asset Team Leader** 

Title

Phone No. (801) 781-4300

**ENTITY ACTION FORM - FORM 6** 

OPERATOR ACCT. No. NO210

OPERATOR: ADDRESS:

**Chevron USA Production Company** 

11002 East 17500 South

Vernal, Utah 84078-8526

(801)781-4300

						·		(,-			
Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
8	99999	5355	43-047-32648	Gypsum Hills Unit #15	SW//SW//	S20	T8S	R21E	Uintah	03/20/95	
WELL 1	COMMENT	S:			<u> </u>	**************************************		<u>.</u>		l	L
Well wi	ll be drilled	as a unit we	ell for production	as part of the Gypsum Hills	Secondary Re	covery U	nit $\mathcal{E}_n$	lities ad	ded 421	295. Lee	
В	99999	5355	43-047-32649	Gypsum Hills Unit #17	SW4SE4	S20	TBS	R21E	Uintah	04/13/95	
	COMMENT				<u></u>			<u> </u>	<u> </u>	L	
Well wi	ll be drilled	as a unit we	ell for production	as part of the Gypsum Hills	Secondary Re	covery U	nit				
В	99999	5355	43-047-32650	Gypsum Hills Unit #18	SE'4SE'4	\$20	T8S	R21E	Uintah	04/12/95	
	COMMENT				_1		<u> </u>	J	1	<u> </u>	
Well wi	li be drilled	as a unit we	eli for production	as part of the Gypsum Hills	Secondary Re	covery U	nit				
8	99999	5265	43-047-32461	WVFU #119	NWWNW%	S21	T8S	R21E	Uintah	03/21/95	
WELL 4	COMMENT	S:					<u> </u>			<u> </u>	L
Well w	ill be drilled	as a unit w	ell for production	as part of the Wonsits Vall	ley Federal Uni	t					
В	99999	5265	43-047-32462	WVFU #120	NE%NW%	S22	T8S	R21E	Uintah	03/23/95	
*	COMMENT				<del></del>			<del></del>			<u> </u>
Well wi	ll be drilled	as a unit we	ell for production	as part of the Wonsits Valle	ey Federal Unit	;					
ACTION	CODES (S	See instruction	ons on back of forn	וו							
	A - Establis	h new entity	for new well (single	well only)					1-	01	•
	B - Add new	well to exist	ing entity (group o	r unit well)					Lit	eulen	•
	C - Re-assi	gn well from e	one existing entity	to another existing entity	1. A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· 12/20		Signal	ure	a sy	
	D - Re-assi	gn well from (	one existing entity	to a new entity	少はいい	以以出	<u>.</u> (1).	_			
	·	•	rments section)		APR 2		sfn.	<u>Asset</u> Title	Team Lea	der <u>4-2</u> Date	24-95
NOTE:	Use COMM	ENT section	to explain why eac	ch Action Code was selected	APR 2	7 1995			N. men	,	
(3/89)				•	שואורויי	N 05		Phone	No. (801)	<u> /81-4300 </u>	
						ON OF			•		
		•			OIL, GAS	& MININ					

OPERATOR ACCT. No. NO. NO.

• Division of Oil, Gas and Mining

**OPERATOR: Chevron USA Production Company** 

ADDRESS:

11002 East 17500 South

ENTITY	ACTION FO	ORM - FORM	6	ADD		/ernal, Utah			(801)781-430	0	
Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	ΤP	RG	County	Spud Date	Effective Date
В	99999	5670	43-047-32629	Red Wash Unit #306	NE%SW%	S23	T7S	R24E	Uintah	03/06/95	
	COMMENT		River Particpatin	g Area within the Red W	Yash Unit		Enlif	us ada	Ld 4-27-95.	Le	
В	99999	5670	43-047-32632	Red Wash Unit #307	SW1/SW1/	S16	T7S	R24E	Uintah	03/07/95	
	COMMENT		River Particpatin	g Area within the Red V	Yash Unit						
В	99999	5670	43-047-32627	Red Wash Unit #308	SE%SW%	S28	T7S	R24E	Uintah	03/16/95	
Well dr	COMMENT		<u> </u>	g Area within the Red V				I Date			
В	99999	5670	43-047-32595	Red Wash Unit #312	SWANEA	534	T7S	R24E	Uintah	03/10/95	
	COMMENT illed as part		River Particpatir	ng Area within the Red V	Yash Unit						
В	99999	5670	43-047-32630	Red Wash Unit #313	NE%SW%	S20	T7S	R24E	Uintah	04/07/95	
Well dr		t of the Greer	· · · · · · · · · · · · · · · · · · ·	ng Area within the Red V	Yash Unit					·	
ACTION	A - Establis B - Add nev	h new entity for well to exist?	ns on back of form) or new well (single ng entity (group or one existing entity to	well only)					Signature	Tully	
	D - Re-assi	ign well from o	ne existing entity to ments section)		KIB	SEUV.	SU		Asset Team		-24-95
NOTE:	Use COMN	ENT section 1	to explain why eac	h Action Code was selecti	· A1	PR 27 199	5		Title  Phone No. #	Da <b>801) 781-430</b> 0	
(3/89)						VISION C GAS & MIN				KAT1 1 A 1 - 3 A 1 A 1	

'ED STATES BUREAU OF LAND MANAGEME APR 2 7 **1995** SUNDRY NOTICES AND REPORTS ON Do not use this form for proposals to drill or to deepen or reentry to a different reservoir USE "APPLICATION FOR PERMIT -" For UPPLICATION FOR PERMIT -" For UPPLICATION FOR PERMIT -" For SUBMIT IN TRIPLICATE 1. Type of Well

FORM APPROVED

Budget Bureau No. 1004-0135

BUREA	U OF LAND MANAGENIENT	Expires: March 31, 1993
	APR 2 7 <b>19</b>	Of Lease Designation and Serial No.
SUNDRY NOT	ICES AND REPORTS ON WELLS	SL-071965
not use this form for proposa	als to drill or to deepen or reentry to a different reserv	oir. 6. If Indian, Allottee or Tribe Name
USE "APPLICATIO	ON FOR PERMIT -" For the DE ONL. GAS 8	MINING
	IT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
		Red Wash
⊠ Gas Well □ Other		8. Well Name and No.
rator		Red Wash #314
ON U.S.A. PRODUCTIO	IN CO	9. API Well No.
ON 0.5.A. 1 NODOCTIO		43-047-32626
Telephone No.		10. Field and Pool, or Exploratory Area
OX 4876	ATTN: MARY COHLMIA	Red Wash/Green River
ON, TX 77210	(713) 754-5068	11. County or Parish, State
/ell (Footage, Sec., T., R., M., or		——————————————————————————————————————
88' FWL	• • •	Uintah Co., Utah
9-T7S, R24E, SLB&M		Cintair Co., Ctair
CHECK APPROPRIAT	E BOX(s) TO INDICATE NATURE OF NOT	TCE, REPORT, OR OTHER DATA
PE OF SUBMISSION	ТҮРЕ	OF ACTION
ntent	☐ Abandonment	☐ Change of Plans
	☐ Recompletion	□ New Construction
t Report	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-off
donment Notice	☐ Altering Casing	☐ Conversion to Injection
	Other	☐ Dispose Water
		(Note: Report results of multiple completions on Well Completion or Recompletion Report and Log form.)
	Clearly state all pertinent details, and give pertinent dates,	
ectionally drilled, give subsurface	c locations and measured and true vertical depths for all man	rkers and zones pertinent to this work.)*
OF THIS SUNDRY IS TO REPO	ORT THE SPUD OF THE ABOVE WELL ON APRIL 8, 19	95.

13. Describe Proposed or Completed Operations ( Clearly state all pertinent details, and give pertinent dates, inc If well is directionally drilled, give subsurface locations and measured and true vertical depths for all marker

THE PURPOSE OF THIS SUNDRY IS TO REPORT THE SPUD OF THE ABOVE WELL ON APRIL 8, 1995.

Oil Well Gas Well Other

CHEVRON U.S.A. PRODUCTION CO.

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2. Name of Operator

3. Address and Telephone No. P. O. BOX 4876

1175' FSL, 1388' FWL

■ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

12

HOUSTON, TX 77210

SE SW Sec. 29-T7S, R24E, SLB&M

TYPE OF SUBMISSION

4. I hereby certify that the foregoing is true and correct.		
ened Mary shows	Title: DRILLING TECHNICAL ASSISTANT	Date: 4/25
his space for Federal or State office use)		
proved by:	Title:	Date:
onditions of approval, if any:		

Title 18 U. S. C. Section 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements of representations as to any matter within its jurisdiction.

## UNITED STATES DEPARTMENT OF THE INTERIOR JAN 9 1998 UREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

SL-071965

Use "APPLICAT	6. If Indian, Allottee or Tribe Name N/A	
SURMI	7. If Unit or CA, Agreement Designation	
1. Type of Well Oil Gas	TT IN TRIPLICATE	RED WASH UNIT
Well Well Other		8. Well Name and No.  RED WASH UNIT 314
2. Name of Operator CHEVRON U.S.A. PRODUCTION COMPANY		9. API Well No.
Address and Telephone No.	Steve McPherson in Red Wash (801) 781-4310	43-047-32626
11002 E. 17500 S. VERNAL, UT 84078-8526	or Gary Scott in Rangely, CO. (970) 675-3791	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		RED WASH - GREEN RIVER
1175' FSL & 1388' FWL (SE SW) SECTION 29, T	7S, R24 E, SLBM	11. County or Parish, State UINTAH, UTAH
12. CHECK APPROPRIATE BO	OX(s) TO INDICATE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
	Abandonment	Change of Plans
X Notice of Intent	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other EXTENSION	Dispose Water
		ote) Report results of multiple completion on Well empletion or Recompletion Report and Log form.)
give subsurface locations and measured and true vertical depths for all n	details, and give pertinent dates, including estimated date of starting any proposed work. If well narkers and zones pertinent to this work)  SION ON OUR APPLICATION TO DRILL PERMIT WHICH WA	
A COPY OF THE APPROVED APPLICATION IS	S ATTACHED.	•
14. I hereby certify that the foregoing is true and correct Signed G.D. SCOTT (1.1).	Title DRILLING TECHNICIAN	Date January 16, 1996
(This space for Federal or State office use)	DIA (	, ,
Approved by: Approved by: Approved by:	Title Fehreleum Jugnew	Date 1/22/96
Conditions of approval, if any		
Title 18 U.S.C. Section 1001, makes it a crime for any person knowing representations as to any matter within its jurisdiction.	ly and willfully to make to any department or agency of the United States any false, ficti	tious or fraudulent statements or

	OVE SPACE DESCRIBE PRO					
- Se	ertified Plat If Certification Stateme nirteen Point Surface U ght Point Drilling Plan	se Plan With Attachment	: <b>s</b>			
We	propose to drill for nat	tural gas in the Green Ri	ver Formation at the loca	tion specified. Enclosures:		
_	7-7/8"	5-1/2" K-55	15.5#	5327'	611 SX.	
_	SIZE OF HOLE 12-1/4"	GRADE, SIZE OF CASING 8-5/8" K-55	24#	360'	190 SX.	
			WEIGHT PER FOOT	ND CEMENTING PROGRA	QUANTITY OF CEMEN	<u>, , , , , , , , , , , , , , , , , , , </u>
	ELEVATIONS (Show whether I	OF, RT, GR, etc.)		AD CENTERIC PROCES		2/1/95
	TO NEAREST WELL, DRILL OR APPLIED FOR, ON THIS	ing, completed, Lease, ft. 3493'		5327'	ROTAI	RY WORK WILL START
	(Also to nearest drig, unit line. DISTANCE FROM PROPOSE		19.	2560 PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS	
	LOCATION TO NEAREST PROPERTY OR LEASE LINE	E, FT.		2560	TO THIS WELL NA	
	DISTANCE IN MILES AND D 31.3 MILES FROM VI DISTANCE FROM PROPOSI			NO. OF ACRES IN LEASE	UINTA 17. NO. OF ACRES ASSIGNED	
	SAME	(Company of the contract of th	12: 02 2057 OSSICS.		IZ. COUNTY OR PA	RISH   13. STATE
	At proposed prod. zone	., 32311			OR AREA SEC. 29-T7S-F	C4E, SLB&M
	At surface	CECIV			II. SEC.,T., R., M., OF	R BLOCK AND SURVEY
3.	ADDRESS AND TELEPHONE 11002 EAST, 17500 SC LOCATION OF WELL (Repo	OUTH, VERNAL, UT 84	1078-8526 nce with any State requirements)*	(801) 781-4300		D WASH EN RIVER
					IN. FIELD AND POOL	OR WILDCAT
Ξ.	NAME OF OPERATOR CHEVRON USA PRO	DUCTION CO. INC			9. API WELL NO.	
	OIL WELL	GAS- WELL X (	OTHER	SINGLE MULTIP	E S. FARM OR LEASE	NAME, WELL NO #314
ò	TYPE OF WELL	DRILL X	DEEPEN		RI	ED WASH
la.	TYPE OF WORK			707	O WIN NO	NT NAME
	APPLIC	CATION FOR P	ERMIT TO DRII	LLOR DEEPEN	S & MINING LINIT AGREEMEN	
_				JUU DEC 2	1994 IF INDIAN, ALLO	TTEE OR TRIBE NAME
		50112.10 01 5.1			; SI ILEASE DESIGNA	TION AND SERIAL NO.
			T OF THE INTERIOND MANAGEMENT	DR () (Offer (Bright)	of on Expires Decer	nber 31, 1991
	m∃te <b>4-</b> : ecember 1990)	U	EL TATES	SUBJUT IN TRI		u No. 1004-01.16
1			•			

SIGNED TITLE TEAL COADER DATE 12-19-94

(This space for Federal or State office use)

PERMIT NO. 43-047-32626

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the figural located preparation the social DATE:

OIL, GAS, AND MINING

APPROVED BY

TITLE STATE

OIL, GAS, AND MINING

\*See Instructions On Reverse Side

WELL SPACING:

1998.

# UNITED STATES ARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

SL-071965

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Use "APPLICATION FOR PERMIT--" for such proposals

6. If Indian, Allottee or Tribe Name

N/A

	SUBM	IT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1.	Type of Well Oil Gas		RED WASH UNIT
	Well X Well Other		8. Well Name and No.  RED WASH UNIT 314
	Name of Operator CHEVRON U.S.A. PRODUCTION COMPANY	•	9. API Weil No.
3.	Address and Telephone No		43-047-32626
;	11002 E. 17500 S. VERNAL, UT 84078-8526	(801) 781-4300	10. Field and Pool, or Exploratory Area
4.	Location of Well (Footage, Sec., T., R., M., or Survey Description)		RED WASH - GREEN RIVER
•	1175' FSL & 1388' FWL (SE SW) SECTION 29,	11. County or Parish, State UINTAH, UTAH	
12.	CHECK APPROPRIATE	BOX(s) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
	TYPE OF SUBMISSION	TYPE OF ACTI	ON
	X Notice of Intent	Abandonment	Change of Plans
		Recompletion	New Construction
	Subsequent Report	Plugging Back	Non-Routine Fracturing
		Casing Repair	Water Shut-Off
	Final Abandonment Notice	Altering Casing	Conversion to Injection
		X Other TA STATUS OF WELL	Dispose Water
			(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

DECEIVE DEC 1 9 1997 DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Signed	Title	COMPUTER SYSTEMS OPERATOR	Date	12/9/97
(This space for Federal or State office use)  Approved by:  Conditions of approval, if any	Title		Date	
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to ma representations as to any matter within its jurisdiction.	ke to any	department or agency of the United States any false, fictitious or fraudule	nt statemen	ts or

Form 3160-5 (June 1990)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

SUNDRY NOT  Do not use this form for proposals to drill or to	SL-071965					
Use "APPLICATI	6. If Indian, Allottee or Tribe Name N/A					
SUBMI	7. If Unit or CA, Agreement Designation					
Type of Well     Oil Gas		RED WASH UNIT				
Well V Well Other		8. Well Name and No.				
Well X Well Other		DED WACH UNIT 244				
2. Name of Operator		RED WASH UNIT 314				
CHEVRON U.S.A. PRODUCTION COMPANY		9. API Well No.				
3. Address and Telephone No		43-047-32626				
11002 E. 17500 S. VERNAL, UT 84078-8526	(801) 78					
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		RED WASH - GREEN RIVER				
		11. County or Parish, State				
1175' FSL & 1388' FWL (SE SW) SECTION 29, T7S, R24E,	SLBM	UINTAH, UTAH				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
12. CHECK APPROPRIATE E	BOX(s) TO INDICATE NATURE OF NOTICE	, REPORT, OR OTHER DATA				
TYPE OF SUBMISSION	OF ACTION					
X Notice of Intent	X Abandonment	Change of Plans				
	Recompletion	New Construction				
Subsequent Report	Plugging Back	Non-Routine Fracturing				
	Casing Repair	Water Shut-Off				
Final Abandonment Notice	Altering Casing	Conversion to Injection				
	Other	Dispose Water				
		(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)				
3. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)						
WE INTEND TO PLUG AND ABANDON THIS WEI	LL PER THE ATTACHED.					



14. I hereby certify that the foregoing is true and correct. Signed D. C. BEAMAN D. C. B. C. BEAMAN	Title	COMPUTER SYSTEMS OPERATOR	Date	3/3/1999
(This space for Federal or State office use) Approved by:	Title		Date	
Conditions of approval, if any				
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make representations as to any matter within its jurisdiction.	e to any d	epartment or agency of the United States any false, fictitious or frauduler	it statements o	r

## RED WASH UNIT #314 1175' FSL & 1388' FWL NESW-SEC.29-T7S-R24E UINTAH COUNTY, UTAH

API#:

43-047-32626

LEASE NUMBER:

SL-071965

KB ELEVATION:

NA

GL ELEVATION:

5555'

TD:

376'

PBTD:

NA

### **CASING DETAIL:**

12-1/4" HOLE SIZE 8-5/8" 24# K-55 @ 375' W/200 SX. CLASS G CEMENT TO SURFACE

#### **COMMENTS:**

The gas well originally planned to be drilled at this location was cancelled after surface casing was set. There are no plans for future drilling.

### **PLUGGING PROCEDURE:**

- 1. BAIL FLUID LEVEL TO ~50.
- 2. MIX NEAT CEMENT AND FILL TO SURFACE.
- 3. INSTALL LOCATION MARKER OR SUBSURFACE PLATE AS DIRECTED BY REGULATORY AGENCIES.
- 4. TURN OVER TO OPERATIONS FOR LOCATION REHABILITATION.

Form 3160-5 (June 1990)

> Type of Well Oil

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135 Expires: March 31, 1993

N/A

**RED WASH UNIT** 

Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

SL-071965

## SUNDRY NOTICES AND REPORTS ON WELLS

SUBMIT IN TRIPLICATE

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir Use "APPLICATION FOR PERMIT--" for such proposals

7. If Unit or CA, Agreement Designation

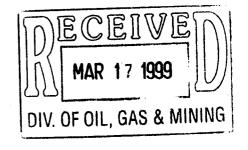
	Weil X Weil Other	8. Well Name and No.  RED WASH UNIT 314	
2.	Name of Operator CHEVRON U.S.A. PRODUCTION COMPANY		9. API Well No.
3.	Address and Telephone No		43-047-32626
	11002 E. 17500 S. VERNAL, UT 84078-8526	(801) 781-4306	10. Field and Pool, or Exploratory Area
4.	Location of Well (Footage, Sec., T., R., M., or Survey Description)		RED WASH - GREEN RIVER
			11. County or Parish, State
	1175' FSL & 1388' FWL (SE SW) SECTION 29, T7S, R24E	, SLBM	UINTAH, UTAH
	<u> </u>		
12.	CHECK APPROPRIATE	BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, O	OR OTHER DATA
	TYPE OF SUBMISSION	TYPE OF ACTION	
	Notice of Intent	X Abandonment	Change of Plans
	_	Recompletion	New Construction
	X Subsequent Report	Plugging Back	Non-Routine Fracturing
		Casing Repair	Water Shut-Off
	Final Abandonment Notice	Altering Casing	Conversion to Injection
		Other	Dispose Water
		(N Co	ote) Report results of multiple completion on Well impletion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

THIS WELL WAS PLUGGED AND ABANDONED ON 3/9/99 AS FOLLOWS:

- CEMENT 50' TO SURFACE WITH REDY MIX TRUCK
- 2. INSTALL DRY HOLE PLATE

Witnessed by Ed Forsman with BLM



14. I hereby certify that the foregoing is true and correct Signed D. C. BEAMAN	Title	COMPUTER SYSTEMS OPERATOR	Date	3/15/1999		
(This space for Federal or State office use) Approved by:	Title		Date			
Conditions of approval, if any						
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.						

Type of Well Oil

Name of Operator

Address and Telephone No

Gas Well

CHEVRON U.S.A. PRODUCTION COMPANY

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

SUBMIT IN TRIPLICATE

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir Use "APPLICATION FOR PERMIT--" for such proposals

5.	Lease Designation and Serial No.
İ	SL-071965
6.	If Indian, Allottee or Tribe Name
	N/A
7.	If Unit or CA, Agreement Designation
1	RED WASH UNIT
L	
8.	Well Name and No.
1	RED WASH UNIT 314
9.	API Well No.
1	43-047-32626
10	Field and Pool, or Exploratory Area
	RED WASH - GREEN RIVER
11	. County or Parish, State
	UINTAH, UTAH

			10 0 11 02020
	11002 E. 17500 S. VERNAL, UT 84078-8526	(801) 781-4306	10. Field and Pool, or Exploratory Area
4.	Location of Well (Footage, Sec., T., R., M., or Survey Description)		RED WASH - GREEN RIVER
			11. County or Parish, State
	1175' FSL & 1388' FWL (SE SW) SECTION 29, T7S, R24E,	UINTAH, UTAH	
			·
12.	CHECK APPROPRIATE	BOX(s) TO INDICATE NATURE OF NOTICE, REPORT,	OR OTHER DATA
_	TYPE OF SUBMISSION	TYPE OF ACTION	
	X Notice of Intent	Abandonment	Change of Plans
		Recompletion	New Construction
	Subsequent Report	Pługging Back	Non-Routine Fracturing
		Casing Repair	Water Shut-Off
	Final Abandonment Notice	Altering Casing	Conversion to Injection
		X Other CLEAR SURFACE	Dispose Water
			lote) Report results of multiple completion on Well completion or Recompletion Report and Log form.)
13.	Describe Proposed or Completed Operations (Clearly state all pertinent	details, and give pertinent dates, including estimated date of starting any proposed work. If well	is directionally drilled,

give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

After PA of well.

We request permission to abandon and reclaim all surface facilities and equipment including pits and surface pipelines. We also request permission to bury all cement pumping unit pads and well cellars. After cleanup, locations and right of ways will be seeded per BLM specifications.

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  Signed D. C. BEAMAN DC Learner.	Title	COMPUTER SYSTEMS OPERATOR	Date	3/18/1999
(This space for Federal or State office use)				
Approved by:	Title		Date	
Conditions of approval, if any				
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to m representations as to any matter within its jurisdiction.	nake to any d	epartment or agency of the United States any false, fictitious or fraud	ulent statements or	

Form 3160-4 Form approved. (November 1983) SUBMIT IN DUPL Œ UN' D STATES Budget Bureau No. 1004-0137 (formerly 9-330) (See other in-DEPARTMENT OF THE INTERIOR Expires August 31, 1985 **BUREAU OF LAND MANAGEMENT** structions on LEASE DESIGNATION AND SERIAL NO. reverse side). SL-071965 IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG \* OIL la. TYPE OF WELL GAS UNIT AGREEMENT NAME WELL WELL DRY Other SURFACE CASING **RED WASH UNIT b** TYPE OF COMPLETION NEW WORK DEEP-PLUG DIFF. FARM OR LEASE NAME WELL BACK RESVR N/A NAME OF OPERATOR WELL NO. CHEVRON USA PRODUCTION CO., INC. RWU #314 ADDRESS OF OPERATOR FIELD AND POOL, OR WILDCAT 11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 **RED WASH - GREEN RIVER** LOCATION OF WELL (Report location clearly and in accordance with any Sta ents)\* APR 1999 11. SEC., T., R., M., OR BLOCK AND SURVEY At surface 1175' FSL, 1388' FWL, NESW DIV. OF OIL, GAS & MINING OR AREA At top rod. interval reported below SAME At total depth SEC. 29-T7S-R24E, SLBM PERMIT NO. DATE ISSUED COUNTY OR STATE PARISH 43-047-32626 2/23/95 **UINTAH** DATE SPUDDED 16. DATE T.D. REACHED 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD 17. DATE COMPL 4/8/95 4/8/95 5555' GL 20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL ROTARY TOOLS 23. INTERVALS CABLE TOOLS DRILLED BY HOW MANY X 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE N/A N/A 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED CASING RECORD (Report all strings set in well)

CASING SIZE	WEI	GHT, LB./FT.	DEPTH	SET (MD)	H	IOLE SIZE	CEMENTING RECORD A		AMOUNT PULLED			
8-5/8"		24	3	75'		12-1/4"	20	0 SX. CI	LASS C	j		N/A
											_	
19.	<u>l</u>		LINER RECORD				30.			TUBING R	FCORD	
SIZE	TOP (MD	) B(	OTTOM (MD)	SACKS CEMEN	JT*	SCREEN (MD)	SIZE		DED	TH SET (MD		PACKER SET (MD)
SILE	TOF (ML)	" B	71 TOWL (MID)	SACKS CEMER	1	SCREEN (MID)	SIZE		Der.	III SEI (MD	<del>'                                    </del>	I ACKER SEI (MD)
31. PERFORATION REC	CORD (Interval	size and numbe	r)			32.	ACID, S	HOT, FRAC	CTURE, C	EMENT SQ	UEEZE, E	TC.
THIS WELL WAS	S SUSPENI	DED AFTE	R SETTING S	URFACE CA	SING.	DEPTH INTER	PTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED				TERIAL USED	
THE SURFACE C	ASING II	as deem f	LUGGED.			<u> </u>						
						}		<b>†</b>				
3.*					PR	ODUCTION		•				
DATE FIRST PRODUCTIO	N	PRODUCTIO	ON METHOD (Flow	ving, gas lift, pumpi	ingsize a	nd type of pump)					PATUS (P)	oducing or
DATE OF TEST	HOURS	TESTED	CHOKE SIZE	PROD'N FO		OILBBL.	GASMC	CF.	WATE	RBBL.		GAS-OIL RATIO
	<u> </u>				>						1	
FLOW. TUBING PRESS.	CASING P	RESSURE	CALCULATED 24-HOUR RATE	OIL	BBL.	GAS	GASMCF		WATERBBL		OIL GRAVITY-API (CORR.)	
	<u> </u>		>	<u> </u>								
4. DISPOSITION OF GA	S (Sold, used fo	or fuel, vented, et	(c.)						TEST	WITNESSE	D BY	
5. LIST OF ATTACHME	ENTS											•

DATE 3/31/99

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED /

Form 3160-5 (June 1990)

## ✓ UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31 1993

BUREA	U OF LAND MANAGEMENT	Expires. March 31, 1993
		5. Lease Designation and Serial No.
SUNDRY NO	TICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill or to		
	ION FOR PERMIT" for such proposals	6. If Indian, Allottee or Tribe Name
USE APPLICAT	ION FOR FERIVITI TOT SUCII Proposais	N/A
		7. If Unit or CA, Agreement Designation
	T IN TRIPLICATE	
1. Type of Well		RED WASH UNIT
Oil Gas		I-SEC NO 761
Well Well Y Other MULTIPLE	WELLS SEE ATTACHED LIST	8. Well Name and No.
اتا اتا		
2. Name of Operator		
CHEVRON U.S.A. INC.		9. API Well No.
3. Address and Telephone No		<del></del>
11002 E. 17500 S. VERNAL, UT 84078-8526	(801) 781-4300	10. Field and Pool, or Exploratory Area
	(001) /01-4300	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		RED WASH - GREEN RIVER
	•	11. County or Parish, State
		UINTAH, UTAH
•		1
12. CHECK APPROPRIATE I	BOX(s) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
CHECK ATTROTRIATE	SON(S) TO INDICATE HATTORE OF HOTTOE, KEI O	NI, ON OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	<u>N</u>
Notice of Intent	Abandonment	Change of Plans
THORE OF IMEN		
	Recompletion	New Construction
	. L	
X Subsequent Report	Plugging Back	Non-Routine Fracturing
الشا		<u> </u>
	Casing Repair	Water Shut-Off
		Constitution to the state of th
Final Abandonment Notice	Altering Casing	Conversion to Injection
<del></del>	X Other CHANGE OF OPERATOR	Dispose Water
	X CHANGE OF OFERATOR	bispose water
		(Note) Report results of multiple completion on Well
		Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operations (Clearly state all pertinent	details, and give pertinent dates, including estimated date of starting any proposed wor	k. If well is directionally drilled,
give subsurface locations and measured and true vertical depths for all a	markers and zones pertinent to this work)	
A A A A A A A A A A A A A A A A A A A	- Ou and an after Dad Wash Hada	
As of January 1, 2000 Chevron U.S.A. INC. resigns a The Unit Number is I-SEC NO 761 effective October		
The Unit Number is 1-SEC NO 701 effective October	31, 1730.	
The successor operator under the Unit Agreement wi	ll be	
Shenandoah Energy Inc.		
475 17th Street, Suite 1000		
Denver, CO 80202	•	•
	000	
Agreed and accepted to this 29th day of December, 19	99 <del>9</del>	RECEIVED
Shenandoah Energy Inc.		
Shemmood Energy me		DEC 5.0 1000
By: MAXALLYS. A		DEC 3 0 1999
Mitchell L. Solich		•
President\		DIVISION OF OIL, GAS & MINING
14. I hereby certify that the foregoing is true and correct.		
Signed A. E. Wacker Q. E. Wac	Character Title Assistant Secretary	Date 12/29/99
(This space for Federal or State office use)		
Assessed by the second	Title	Date



## United States Department of the Interior

#### BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

## RECEIVED

FEB 0 7 2000

IN REPLY REFER TO UT-931

DIVISION OF OIL, GAS AND MINING

February 4, 2000

Shenandoah Energy Inc. Attn: Rae Cusimano 475 17<sup>th</sup> Street, Suite 1000 Denver, Colorado 80202

Re:

Red Wash Unit

Uintah County, Utah

#### Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

## **Enclosure**

bcc:

cc: Chevron U.S.A. Inc.

Field Manager - Vernal (w/enclosure)

Minerals Adjudication Group U-932
File - Red Wash Unit (w/enclosure)
MMS - Data Management Division

Agr. Sec. Chron Fluid Chron

UT931:TAThompson:tt:2/4/00

### Well Status Report Utah State Office Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
	•							
UTU0559	4304731581	293 (22-22A) RED WAS	SENW	22	T 7S	R22E	OSI	CHEVRON U S A INCORPORATED
UTU02148	4304731582	294 (24-18C) RED WAS	SESW	18	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU081	4304731577	295 (11-22B) RED WAS	NWNW	22	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731578	296 (12-35B) RED WAS	SWNW	35	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304731579	297 (24-15B) RED WAS	SESW	15	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UT <b>U056</b> 6	4304731679	298 (22-27B) RED WAS	SENW	27	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304733018	299	SWNE	18	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU082	4304715136	3 (34-23B) RED WASH	SWSE	23	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UT <b>U081</b>	4304715157	30 (23-13B) RED WASH	NESW	13	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UT <b>U</b> 081	4304731682	301 (43-15B) RED WAS	NESE	15	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304731683	302 (22-24B) RED WAS	SENW	24	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304731819	303 (34-17B) RED WAS	SWSE	17	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0830	4304732538	305	NENE	4	T 8S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU093	4304732629	306	NESW	23	T 7S	R24E	POW	CHEVRON U S A INCORPORATED
STATE	<del>-4304732632</del>	307	SWSW	16	<del>7 73</del>	R24E	ABD	CHEVRON U S A INCORPORATED
-UTSL071965	<del>-4304732627</del>	308	SESW	28	<del>1-73</del>	R24E	P+A	CHEVRON U.S.A. INCORPORATED
UTU081	4304715158	31 (34-22B) RED WASH	SWSE	22	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UT9L071965	<del>4304732628</del>	311	NESW	<del>- 26</del>	<del>† 73</del>	R24E	P+A	CHEVRON U S A INCORPORATED
UTSL071963	<del>4304732595</del>	312	SWNE	34	<del>1 73</del>	R24E	ABD	CHEVRON-U S A INCORPORATED
UTU02149	<del>- 4304732630</del>	313	NESW-	<del>20</del>	<del>1 7s</del>	R24E	ABD	CHEVRON-U-S-A INCORPORATED
-UTSL071965	<del>- 4304732626</del>	-314	-3E3W	<del>29</del>	† <del>73</del>	R24E	ABD	CHEVRON U.S. A. INCORPORATED
UTU081	4304715160	33 (14-148) RED WASH	SWSW	14	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
บาับ081	4304715161	34 (23-14B) RED WASH	NESW	14	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU081	4304715162	35 (43-13B) RED WASH	NESE		T 7S		TA	CHEVRON U S A INCORPORATED
UTU081	4304715163	36 (32-13B) RED WASH	SWNE	13	T 7S	R23E		CHEVRON U S A INCORPORATED
<del>*UTU0823</del>	<del>-4304715164</del>	-37 (41-25B) RED WASH	NENE		<del>1 7</del> 5	R23E		CHEVRON U.S.A. INCORPORATED
UTU082		38 (14-23B) RED WASH			T 7S	R23E		CHEVRON U S A INCORPORATED
UTU0561		39 (14-24A) RED WASH			T 7S		TA	CHEVRON U S A INCORPORATED
UTU081		4 (41-22B) RED WASH			T 7S		TA	CHEVRON U S A INCORPORATED
UTU <b>08</b> 2		' 40 (21-24B) RED WASH			T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081		41 (34-13B) RED WASH			T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTSL071965		42 (21-29C) RED WASH			T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
· UTU0116		43 (12-17B) RED WASH			T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0829		44 (32-33C) RED WASH			T 7S	R24E		CHEVRON U S A INCORPORATED
UT <b>U0203</b> 0		45 (23-30B) RED WASH			T 7S	R23E		CHEVRON U S A INCORPORATED
UTU080		46 (41-21C) RED WASH			T 7S	R24E		CHEVRON U S A INCORPORATED
UTU02030		48 (32-19B) RED WASH			T 7S	R23E		CHEVRON U S A INCORPORATED
UTU02025		49 (12-29B) RED WASH			T 7S	R23E		CHEVRON U S'A INCORPORATED
UTU082		3 5 (41-23B) RED WASH			T 7S	R23E		CHEVRON U S A INCORPORATED CHEVRON U S A INCORPORATED
UTU0559		50 (14-23A) RED WASH			T 7S	R22E		
STATE		7 51 (12-16B) RED WASH			T 7\$	R23E		CHEVRON U S A INCORPORATED
UTU0116		3 52 (14-18B) RED WASH			T 7S	R23E		CHEVRON U.S.A. INCORPORATED
UTU0561		53 (41-25A) RED WASH			T 7S	R22E <del>- R22E</del>		CHEVRON U S A INCORPORATED  CHEVRON U S A INCORPORATED
UTU0559		-55 (41-21A) RED WASH			<del>1 73</del>	R23E		CHEVRON U S A INCORPORATED
UTU02030		? 56 (41-28B) RED WASH			T 7S	RZ4E		CHEVRON U S A INCORPORATED
UTU02148		5 57 (12-18C) RED WASH			T 7S	R23E		CHEVRON U S A INCORPORATED
UTU082		7 59 (12-24B) RED WASH			T 7S T 7S	R23E	*	CHEVRON U S A INCORPORATED
UTU0567		2 6 (41-21B) RED WASH				R23E		CHEVRON U S A INCORPORATED
UTU02025	4304/13184	60 (43-30B) RED WASH	ME9E	30	T 7S	トレンに	17	ANTIUAL A A V TUANNI AMILIA

3.	. The new company has been checked through the Department	of Commerce	, Division of Corporati	ons Database on: <u>08-23-2000</u>
4.	. Is the new operator registered in the State of Utah:	YES	Business Number:	224885
5.	i. If NO, the operator was contacted contacted on:			
6.	<ol> <li>Federal and Indian Lease Wells: The BLM and or the or operator change for all wells listed on Federal or India</li> </ol>	ne BIA has a n leases on:	approved the (merge 02/04/2000	r, name change,
7.		roved the su 02/04/2000	accessor of unit oper	ator
8.			The BLM or the BIA	has approved the operator
9.	O. Underground Injection Control ("UIC") Pro: The for the enhanced/secondary recovery unit/project for the water	e Division has	approved UIC Form 5, (s) listed on:	Transfer of Authority to Inject,  N/A
<b>D</b> .	DATA ENTRY:  1. Changes entered in the Oil and Gas Database on:	09/25/2000		
2.	2. Changes have been entered on the Monthly Operator Chang	e Spread She	et on: 09/25/2000	_
3.	Bond information entered in RBDMS on:	N/A		
4.	4. Fee wells attached to bond in RBDMS on:	N/A		
<b>S</b> '.	STATE BOND VERIFICATION:  1. State well(s) covered by Bond No.:	159261960		
	FEE WELLS - BOND VERIFICATION/LEASE IN			ATION:
	1. (R649-3-1) The NEW operator of any fee well(s) listed has fu  2. The FORMER operator has requested a release of liability from			<del></del>
3.	The Division sent response by letter on:  (R649-2-10) The <b>FORMER</b> operator of the Fee wells has been of their responsibility to notify all interest owners of this change	contacted an	d informed by a letter fro	om the Division
<b>F</b>	FILMING:  1. All attachments to this form have been MICROFILMED on:	03-09	-d	
<b>F</b>	FILING: 1. ORIGINALS/COPIES of all attachments pertaining to each in	ndividual well	have been filled in each	well file on:
<u>c</u>	COMMENTS:			
		<del></del>		
_				
_				

,k

## **OPERATOR CHANGE WORKSHEET**

## ROUTING 1. GLH 4-

1. GLH	·	4-KAS
2. CDW 🖊		5°8110
3. JLT		6-FILE

Enter date after each listed item is completed

## X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:	01-01-2000
FROM: (Old Operator):	TO: ( New Operator):
CHEVRON USA INC	SHENANDOAH ENERGY INC
Address: 11002 E. 17500 S.	Address: 11002 E. 17500 S.
VERNAL, UT 84078-8526	VERNAL, UT 84078
Phone: 1-(435)-781-4300	Phone: 1-(435)-781-4300
Account No. N0210	Account N4235
CA No.	Unit: RED WASH

WELL(S)						
• ,	API	<b>ENTITY</b>	SEC. TWN	LEASE	WELL	WELL
NAME	NO.	NO.	RNG	TYPE	TYPE	STATUS
RWU 39 (14-24A)	43-047-15166	5670	24-07S-22E	FEDERAL	OW	TA
RWU 35 (43-13B)	43-047-15162	5670	13-07S-23E	FEDERAL	OW	TA
RWU 36 (32-13B)	43-047-15163	5670	13-07S-23E	FEDERAL	GW	P
RWU 41 (34-13B)	43-047-15168	5670	13-07S-23E	FEDERAL	OW	P
RWU 33 (14-14B)	43-047-15160	5670	14-07S-23E	FEDERAL	GW	S
RWU 51 (12-16B)	43-047-15177	5670	16-07S-23E	STATE	OW	P
RWU 43 (12-17B)	43-047-15170	5670	17-07S-23E	FEDERAL	OW	P
RWU 52 (14-18B)	43-047-15178	5670	18-07S-23E	FEDERAL	OW	TA
RWU 4 (41-22B)	43-047-15137	5670	22-07S-23E	FEDERAL	OW	TA
RWU 38 (14-23B)	43-047-15165	5670	23-07S-23E	FEDERAL	OW	P
RWU 5 (41-23B)	43-047-15138	5670	23-07S-23E	FEDERAL	OW	P
RWU 50 (14-23A)	43-047-15176	5670	23-07S-22E	FEDERAL		P
RWU 40 (21-24B)	43-047-15167	5670	24-07S-23E	FEDERAL	OW	TA
RWU 37 (41-25B)	43-047-15164	5670	25-07S-23E	FEDERAL	GW	PA
RWU 49 (12-29B)	43-047-15175	5670	29-07S-23E	FEDERAL	OW	TA
RWU 313	43-047-32630	5670	20-07S-24E	FEDERAL	GW	PA
RWU 46 (41-21C)	43-047-15173	5670	21-07S-24E	FEDERAL	GW	P
RWU 311	43-047-32628	5670	26-07S-24E	FEDERAL	OW	PA
RWU 314	43-047-32626	5670	29-07S-24E	FEDERAL	GW	PA
RWU 42 (21-29C)	43-047-15169	5670	29-07S-24E	FEDERAL	GW	P
RWU 44 (32-33C)	43-047-15171	5670	33-07S-24E	FEDERAL	GW	P
RWU 312	43-047-32595	5670	34-07S-24E	FEDERAL	GW	PA

## **OPERATOR CHANGES DOCUMENTATION**

1.	(R649-8-10) Sundry or legal documentation was received from the <b>FORMER</b> operator on:	<u>12-3</u>
----	--	-------------

12-30-1999

2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on:

08-09-2000